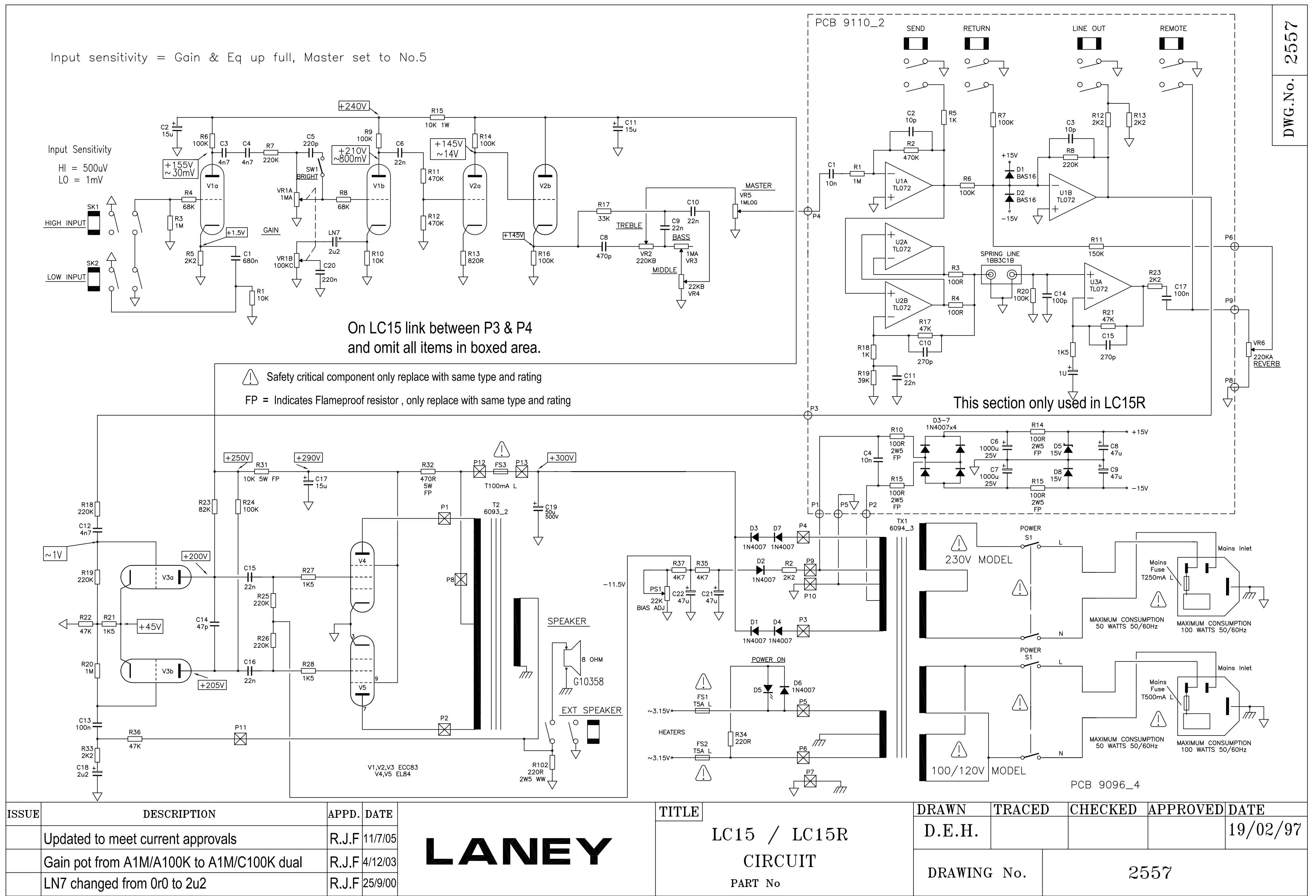
Laney

Service Diagrams

MODEL : LC15
: LC15R



www.laney.co.uk


Input sensitivity = Gain & Eq up full, Master set to No.5
Input Sensitivity
HI = 500uV
LO = 1mV
SK1
HIGH INPUT
SK2
LOW INPUT
+240V
+155V ~30mV
+210V ~800mV
+145V ~14V
+1.5V
+145V
GAIN
BRIGHT
SW1
TREBLE
BASS
MIDDLE
MASTER
VR5 1MLOG
V1a
V1b
V2a
V2b
On LC15 link between P3 & P4
and omit all items in boxed area.
Safety critical component only replace with same type and rating
FP = Indicates Flameproof resistor , only replace with same type and rating
PCB 9110_2
SEND
RETURN
LINE OUT
REMOTE
U1A TL072
U1B TL072
U2A TL072
U2B TL072
U3A TL072
SPRING LINE 1BB3C1B
VR6 220KA REVERB
This section only used in LC15R
+15V
-15V
+250V
+290V
+300V
~1V
+200V
+205V
+45V
-11.5V
V3a
V3b
V4
V5
T2 6093_2
TX1 6094_3
FS3 T100mA L
PS1 22K BIAS ADJ
SPEAKER
8 OHM
G10358
EXT SPEAKER
V1,V2,V3 ECC83
V4,V5 EL84
R102 220R 2W5 WW
POWER ON
HEATERS
~3.15V
FS1 T5A L
FS2 T5A L
POWER S1
230V MODEL
100/120V MODEL
Mains Inlet
Mains Fuse T250mA L
Mains Fuse T500mA L
MAXIMUM CONSUMPTION 50 WATTS 50/60Hz
MAXIMUM CONSUMPTION 100 WATTS 50/60Hz
PCB 9096_4
DWG.No. 2557
ISSUE
DESCRIPTION
APPD.
DATE
Updated to meet current approvals
R.J.F
11/7/05
Gain pot from A1M/A100K to A1M/C100K dual
R.J.F
4/12/03
LN7 changed from 0r0 to 2u2
R.J.F
25/9/00
LANEY
TITLE
LC15 / LC15R
CIRCUIT
PART No
DRAWN
TRACED
CHECKED
APPROVED
DATE
D.E.H.
19/02/97
DRAWING No.
2557

LC15 SPARE PARTS LIST

Laney

Model No.
LC15

SPARES ITEM		DESCRIPTION		PART No.
Mains Transformer	100V	6150 LC15/R Mains Transformer		006150
	115V	6094 LC15/R Mains Transformer		006094
	230V	6094 LC15/R Mains Transformer		006094
Output Transformer		LC15/R Output Transformer 15W		006093
Switch	Power	5A DPDT Rocker Switch		530027
Mains Fuse	110-120V	T500mA 20mm Spiral Wound		005566
	230V	T250mA 20mm Spiral Wound		005528
Corner	Front	Stainless Steel		10049
	Back	Stainless Steel		10048
Jack Socket		1/4 Jack Socket - Mono - Gold		005096
		1/4 Jack Socket PCB Mount		005002
		1/4 Jack Socket Tagged		10004
PCB's	9096	LC15/R Pre Amp PCB Complete		60015
	Pots	VR1	Split 1M/100K Antilog Dual 6mm Spline (100KC on front / A1M on back)	004116
		VR2	220K Lin Pot 6mm Spline	004065
		VR3/5	1M Log Pot 6mm Spline	004070
		VR4	22K Lin Pot 6mm Spline	004061
		VR6	220K Log Pot 6mm Spline	004078
	Switch	Bright	2P2W Push Switch	005017
Loudspeaker		Celestion Tube 10 8 Ohm		51001
Badge		Small Laney Badge		10057
Fascia Panel		LC15 Fascia Panel		8M-8528
Control Knob		20mm Chicken Head		005631
Handle		Black Strap Handle		10100
Mains Inlet Socket		IEC Main Inlet Socket Fused		005005
HT Fuse Carrier		HT Fuse Carrier		005502
HT Fuse		T100mA 20mm Spiral Wound		005586
Tubes	1	ECC83 STD		005548
	2	EL84 Matched Set		005562
Tube Base		Ceramic Base Socket B9A		005577
Mains Lead		Country Dependant		
Feet		Plastic Feet		10055
Cabinet Minus Loudspeaker		Carcass plus fittings LC15/R		80009
Manual		LC15/R User Manual		007092

LC15R SPARE PARTS LIST

Laney

Model No.
LC15R

SPARES ITEM		DESCRIPTION		PART No.
Mains Transformer	100V	6150 LC15/R Mains Transformer		006150
	115V	6094 LC15/R Mains Transformer		006094
	230V	6094 LC15/R Mains Transformer		006094
Output Transformer		LC15/R Output Transformer 15W		006093
Reverb Unit		Small 2 Spring Reverb Unit		10008
Switch	Power	5A DPDT Rocker Switch		530027
Mains Fuse	110-120V	T500mA 20mm Spiral Wound		005566
	230V	T250mA 20mm Spiral Wound		005528
Corner	Front	Stainless Steel		10049
	Back	Stainless Steel		10048
Jack Socket		1/4 Jack Socket - Mono - Gold		005096
		1/4 Jack Socket PCB Mount		005002
		1/4 Jack Socket Tagged		10004
PCB's	9096	LC15/R Pre Amp PCB Complete		60015
	Pots	VR1	Split 1M/100K Antilog Dual 6mm Spline (100KC on front / A1M on back)	004116
		VR2	220K Lin Pot 6mm Spline	004065
		VR3/5	1M Log Pot 6mm Spline	004070
		VR4	22K Lin Pot 6mm Spline	004061
		VR6	220K Log Pot 6mm Spline	004078
	Switch	Bright	2P2W Push Switch	005017
	9110	LC15R Reverb Module Complete		60017
Loudspeaker		Celestion Tube 10 8 Ohm		51001
Badge		Small Laney Badge		10057
Fascia Panel		LC15/R Fascia Panel		8M-8659
Control Knob		20mm Chicken Head		005631
Handle		Black Strap Handle		10100
Mains Inlet Socket		IEC Main Inlet Socket Fused		005005
HT Fuse Carrier		HT Fuse Carrier		005502
HT Fuse		T100mA 20mm Spiral Wound		005586
Tubes	1	ECC83 STD		005548
	2	EL84 Matched Set		005562
Tube Base		Ceramic Base Socket B9A		005577
Mains Lead		Country Dependant		
Foot Switch		FS1		FS1E
Feet		Plastic Feet		10055
Cabinet Minus Loudspeaker		Carcass plus fittings LC15/R		80009
Manual		LC15/R User Manual		007092